
Weekly Report / MEI Honghui

7.10-7.16

VisComposer Paper

Nothing happened.

Summer School

presentation: D3.js

time exceeded.

too much basic and background introduction.

Paper Read

[1] H. Eldardiry, E. Bart, Juan Liu, J. Hanley, B. Price, and O. Brdiczka, "Multi-Domain Information Fusion for Insider Threat Detection," 2013 IEEE Secur. Priv. Work., pp. 45–51, 2013.

Nothing other than "insider". The academic circle security is too closed. Quite surprised that almost all reference containing keyword "insider" (angry).

[2] M. Sun, C. North, and N. Ramakrishnan, "A Five-Level Design Framework for Bicluster Visualizations," vol. 2626, no. c, pp. 1713–1722, 2014.

A good survey that give instructions of visualizing many kind of relations. Worth reading.

[3] W. Cancino, N. Boukhelifa, A. Bezerianos, and E. Lutton, "Evolutionary Visual Exploration: Experimental Analysis of Algorithm Behaviour," Proc. 15th Annu. Conf. Companion Genet. Evol. Comput., pp. 1373–1380, 2013.

Only water of [5]. HEHE.

[4] K. Nance and R. Marty, "Identifying and visualizing the malicious insider threat using bipartite graphs," Proc. Annu. Hawaii Int. Conf. Syst. Sci., pp. 1–9, 2011.

Similar to [1]. angry +1.

[5] N. Boukhelifa, W. Cancino, A. Bezerianos, and E. Lutton, "Evolutionary visual exploration: Evaluation with expert users," Comput. Graph. Forum, vol. 32, no. 3 PART1, pp. 31–40, 2013.

Evolutionary refinements of projection of high-dimensional dataset. Many cases but no

interesting interface and interactions.

[6] P. A. Legg, "Visualizing the insider threat: Challenges and tools for identifying malicious user activity," in 2015 IEEE Symposium on Visualization for Cyber Security, VizSec 2015, 2015, pp. 1–7.

Similar to [1][4]. angry ++1 (at first I want to look for something about user activity / event sequence).

TODO Next Week

- ChinaVis
 - fastforward+presentation, see PPT. (maybe upload later)
- VisComposer
 - Think of a new novelty
 - Write the first edition of the paper before go back home.